

UNIT: 2: Microbial Cell Energy metabolism

01. Energy Metabolism

01. What are the main components of ATP?

- A. Adenine
- B. Ribose
- C. Phosphate
- D. Guanine
- E. Uracil
- F. Cytosine
- G. Thymine
- H. Deoxyribose

all knowledge

02. How is energy stored in ATP?

- A. In the adenine base
- B. In the ribose sugar
- C. In the phosphate groups
- D. In the guanine base
- E. In the uracil base
- F. In the cytosine base
- G. In the thymine base
- H. In the deoxyribose sugar

all knowledge

03. Glycolysis (2-4%)

01. What is the main product of glycolysis?

- A. Pyruvate
- B. Lactate
- C. Acetyl-CoA
- D. Glucose
- E. Fructose-1,6-bisphosphate
- F. Glyceraldehyde-3-phosphate
- G. Dihydroxyacetone phosphate
- H. Phosphoenolpyruvate
- I. Oxaloacetate
- J. Citrate
- K. Isocitrate
- L. Alpha-ketoglutarate
- M. Succinyl-CoA
- N. Fumarate
- O. Malate
- P. Oxaloacetate

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J Dewey



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